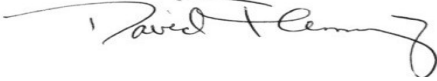




Title On Site Sewage Systems Serving Adult Family Homes	Document Code No. PHL 10-20 (DPH DP)
Department/Issuing Agency Public Health Seattle King County	Effective Date. 3/23/2012
Approved 	DPH Director

1.0 SUBJECT TITLE: On Site Sewage Systems Serving Adult Family Homes

1.1 EFFECTIVE DATE: 3/23/2012

1.2 TYPE OF ACTION: New Policy

1.3 KEY WORDS: Adult Family Home, On Site Sewage

2.0 PURPOSE

The purpose of this policy is not to add new regulatory requirements that are beyond those contained in the King County Board of Health Code or the Washington laws, but to provide staff with specific guidelines for reviewing applications regarding Adult Family Homes (AFH) and other establishments that generate effluent atypical of, or in excess of residential sewage characteristics including, but not limited to CBOD5, BOD5, TSS, and Oil and Grease. This policy includes new construction, change-of-use applications, and repairs to failed on-site sewage system serving an AFH.

3.0 ORGANIZATIONS AFFECTED:

Applicable to the Department of Public Health Seattle-King County

4.0 REFERENCES

4.1 [BOH Title 13 On-Site Sewage Code](#)

4.2 The latest revisions or amendments of Chapter [246-272A WAC](#) which are more stringent than Title 13.

4.3 List of Registered On-site Treatment and Distribution Products as established in Chapter 246-272A WAC

#### 4.4 Adult Family Homes, [RCW 70.128](#)

### 5.0 DEFINITIONS:

5.1 "Adult Family Home" means a residential home in which a person or persons provide personal care, special care, room, and board to more than one but not more than six adults who are not related by blood or marriage to the person or persons providing the services.

5.2 "CBOD<sub>5</sub>" means carbonaceous biochemical oxygen demand, typically expressed in mg/L.

5.3 "BOD<sub>5</sub>" means biochemical oxygen demand, typically expressed in mg/L.

5.4 "TSS" means total suspended solids, a measure of all suspended solids in a liquid, typically expressed in mg/L.

5.5 "O&G" means oil and grease, a component of sewage typically originating from food stuffs (animal fats or vegetable oils) or consisting of compounds of alcohol or glycerol with fatty acids (soaps and lotions). Typically expressed in mg/L.

5.6 "Effluent" means liquid discharged from a septic tank or other on-site sewage system component.

5.7 "On-site sewage system" (OSS) means an integrated system of components, located on or nearby the property it serves, that conveys, stores, treats, and/or provides subsurface soil treatment and dispersal of sewage. It consists of a collection system, a treatment component or treatment sequence, and a soil dispersal component. An on-site sewage system also refers to a holding tank sewage system or other system that does not have a soil dispersal component.

5.8 "Residential sewage" means sewage having the constituency and strength typical of wastewater from domestic households.

### 6.0 POLICIES:

6.1 The intent of this policy is to establish minimum on-site sewage system (OSS) guidelines for AFH's and other establishments that generate effluent exceeding typical residential sewage as defined in Title 13, 13.08.372. An OSS serving an AFH must include a treatment component approved to meet, at a minimum, Category 2 requirements as specified in the List of Registered On-site Treatment and Distribution Products, and all other provisions of Title 13.

### 7.0 PROCEDURES:

7.1 Applications for construction of new Adult Family Home, or for change-of-use, and for repairs to failing on-site sewage system serving an Adult Family Home in which it has been determined by this department that a conforming on-site sewage system is required shall be submitted as standard site applications by a licensed septic system designer or professional engineer.

7.2 The design shall include a draft Notice on Title. The Notice on Title shall include language specifying that the on-site sewage system has been designed for an Adult Family Home and shall specify the maximum number of persons that the system has been designed for. The application shall distinguish between employees and full-time residents.

7.3 The design shall include a draft service contract for operation and maintenance of the system. The service contract shall include operation and maintenance requirements specific to the treatment product used. As part of the service contract, all operation and maintenance reports must include influent and effluent waste strength testing for BOD5, TSS, and Oil and Grease at a schedule established in Table 13.60-1. More stringent monitoring may be required based on use, laboratory analyses, operation and maintenance reports, and the specific technology selected.

8.0 RESPONSIBILITIES:

8.1 Environmental Health is responsible for ensuring review of applications for on site sewage systems serving adult family homes.

8.2 Environmental Health is responsible for ensuring that applications meet the requirements outlined in Washington laws and King County Board of Health On Site Sewage Codes.

9.0 APPENDICES:

9.1 Site design fee as specified in the fee schedule and permit fees as specified in the fee schedule for Non single Family-New System/Repair or Modification

Policy Owner	Last Review Date	Comments
Environmental Health		